

## Patent Claims

1. Method for the offline parametering of a field device for process automation technology with the help of an operating program B running on an operating device B, which operating program communicates with the field device F1 over a data bus D for online parametering and for which no device description is available describing the offline behavior of the field device F1,  
characterized in that the operating program B communicates with a copy of the device software program GS running in the field device F1 and an online field device F1 is simulated thereby.
2. Method as claimed in claim 1, characterized in that the copy of the device software program GS and the operating program B are executed together on the operating device B.
3. Method as claimed in one of the preceding claims, characterized in that the copy of the device software program GS and the operating program B communicate over a virtual COM-interface.
4. Method as claimed in one of the preceding claims, characterized in that the operating device has a Windows® platform.
5. Method as claimed in one of the preceding claims, characterized in that the copy of the device software program GS is surrounded by a Windows® shell.
6. Method as claimed in one of the preceding claims, characterized in that the copy of the device software program GS is surrounded by a DTM shell.

7. Method as claimed in one of the preceding claims, characterized in that the operating device B is a laptop computer unit.
8. Method as claimed in one of the preceding claims, characterized in that parameter settings of the offline parametering are transferred to the field device manufacturer for pre-configuring of field devices.